

Ames Lab employees engage in a tower-power competition at the magnet table. Left to right: Connie Heim, Wu Chen, Steve Elbert and Sandi Bishop.



Willie Martin and his wife, Wanda, enjoy the VEISHEA parade with their nephew, Deven.



Gumby waves to TASF as he passes by during the VEISHEA parade.

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INSIDER

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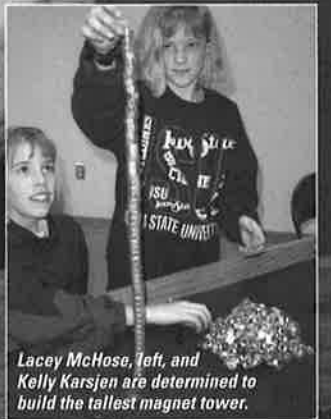
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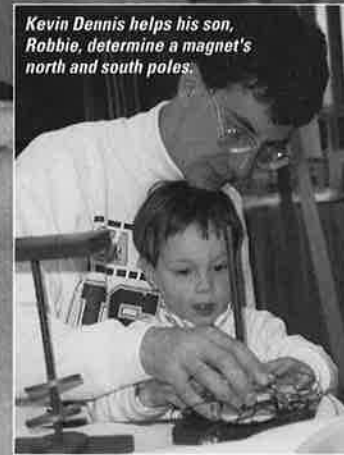
Ethan, left, and Jacob Marti find "the force is with them" as they explore the properties of magnets at the Ames Lab VEISHEA open house.



Ken Van Pelt, takes his turn as engineer at the Magnoscope and model train display.



Lacey McHose, left, and Kelly Karsjen are determined to build the tallest magnet tower.



Kevin Dennis helps his son, Robbie, determine a magnet's north and south poles.

VEISHEA Vignettes

The VEISHEA exhibit drew hundreds our way,
 And the magnet tables helped make the day.
 The temptation was great to linger for hours
 Building fancy bridges and lofty towers.
 People seemed oblivious to the time they spent,
 But had they stayed longer, we could have charged rent.

And apparently magnets are somewhat contagious;
 The urge to construct appealed to all ages.
 Because for each child who stood at the table,
 At least one adult squeezed in, if able.

From short folks to tall folks, from young kids to old ones,
 It seemed that our magnets took care of their doldrums.
 And there was also the Magnoscope and model train
 With its relentless whistle that drove us insane.
 But visitors loved it and seemed quite in awe
 When they learned how the Magnoscope could detect a flaw.

To the employees who helped with the VEISHEA endeavor,
 Thanks for all your great work; you're amazingly clever.
 It's people like you we're in debt to forever.

DOE Steering Group Meets in Ames

The Environmental and Occupational/Public Health Standards Steering Group met in Ames on April 25-26. Martin Edelson is Ames Lab's representative on the committee. Several guest speakers made presentations, including Acting Director Jim Corones, Barbara Mack from ISU's Journalism Department, and Joe Lynch from EcoAction, an Ames environmental interest group.

Established in 1990 by the directors of DOE laboratories, the Steering Group was created to organize a broad, long-term educational outreach and re-

search program. It focuses on better scientific and public understanding of the risks associated with hazardous agents in the environment and workplace. The Steering Group is sponsored by DOE's Office of Integrated Risk Management.

The Group meets regularly with members of public interest groups that emphasize environmental issues. This cooperative effort between the Steering Group and public interest groups to develop joint positions is a significant milestone on the laboratories' path to a post Cold War culture. ■



Martin Edelson, Barbara Mack and Jim Corones (facing forward) discuss environmental issues with members of the Steering Group.

Want a Good Laugh?

Want to see yourself in years past? Or see what your colleagues were wearing? Or their hairstyles or glasses? Come to the first floor of TASF and take a look at the Ames Lab group photos that are now hanging in the hallway. Each year the photos will be changed to display the current year and previous decades. ■

Karen Huiatt, left, account specialist, and Deb Okland, clerk, enjoy looking for their colleagues in the group photos on the first floor of TASF.

Students Showcase Supercomputer Achievements

Students from 15 Iowa high schools showcased their achievements in supercomputer programming at the 1995 Adventures in Supercomputing (AiS) Expo held April 26 in ISU's Memorial Union. ISU President Martin Jischke, Acting Director Jim Corones and John Ziebarth of the National Center for Supercomputing Applications spoke during the awards ceremony. Expo winners received computer equipment for their schools and free trips to Washington, D.C., for the National AiS Expo in June.

AiS encourages student interest in math and science by allowing students to use the same powerful computers that scientists use in their lab. Students used supercomputers to study topics such as DNA, the molecular basis of life; hemophilia and genetics; earthquake resistant structures; and bridge analysis. ■



A group of students explain engine performance and demonstrate the concept on their computer.

Inside Scoop It's Not Camping

To many people, the mention of recreational vehicles (RV) conjures up an image of camping and fishing. But Del Bluhm would be the first to tell you that RVing is not camping.

Del, manager for Engineering Services, and his wife, Georgia, are the state managers for the Iowa branch of the Holiday Rambler Recreational Vehicle Club, the largest corporately sponsored RV club in the nation. The Iowa club is part of Region VI, which includes Iowa, Minnesota, Nebraska, North Dakota, South Dakota and Wisconsin. Nationally, the club has over 12,000 members organized into chapters in each state.

As managers for the Holiday Rambler RV Club in Iowa, Del and Georgia handle the club's finances, oversee membership and plan state activities.

"The only requirement for membership is that you be an owner of a Holiday Rambler vehicle," says Del, who belongs to the local Cyclone Country Rambler chapter. He explains that Holiday Rambler vehicles range from small trailers to mini motor homes to full-size, 40-foot class A motor homes. They cost between \$15,000 and \$280,000.

Del and Georgia own a 1985, 33-foot Holiday Rambler travel trailer that they pull behind their Suburban, and it has all the comforts of home. "My RV is a lot nicer than most hotel rooms," says Del, but admits that he and Georgia are looking at even more lavish rigs. "We're thinking of upgrading to a slide-out travel trailer to get more space."

The qualities of comfort and luxury set the RV apart from such familiar homes-away-from-home as tents and pop-up trailers. Offering a more tranquil way to travel, the RV defines a leisure activity distinct from camping. "It's not camping, it's RVing," Del reminds us. And if you belong to



Del Bluhm and his wife, Georgia

the Holiday Rambler Recreational Vehicle Club, RVing can take you almost anywhere.

Regional, state and national rallies provide opportunities for club members to renew old friendships and make new ones. "We usually like to travel the back roads and visit small communities," says Del. "It's a very broadening and uplifting experience. The Holiday Rambler RV Club is a self-sufficient community, but when we stay in a small town, we like to buy supplies there and take part in local activities."

This year Del will be working with city officials in Council Bluffs to coordinate the state rally and in Amana to plan the Region VI rally. He'll also be working on activities for the national rally this summer in Sedalia, Missouri. For those who might wonder what a Holiday Rambler event is like — get ready. Ames will host the national rally in 1997. And if you think you might like to try RVing yourself, Del has a tip or two.

"Rent an RV and take some trips to see if you like this lifestyle. Talk to people who have been RVing on their own and get ideas of available brands. And, of course," he adds with a persuasive grin, "decide that you'll buy a Holiday Rambler. Then get involved and have a ball." ■

It's a Dog's Life

From the moment you arrive on Deb Calhoun's acreage, it is evident her life has gone to the dogs.

Besides a few scurrying cats and some gentle horses munching on hay, Deb, clerk typist in Applied Mathematical Sciences, has ten lovable shelties, dogs she raised from pups.

"Those dogs have me wrapped around their paws," quips Deb. "I love taking care of these animals. I guess you could say I baby them."

Baby them indeed. Deb converted her two-car garage into a cozy canine cottage, a place any hound would be proud to call home. Equipped with air conditioning and heat, the dogs' living quarters give new meaning to the word 'doghouse.'

"I completely remodeled the garage for the dogs," she says. "I just laid new linoleum on the floor and added insulation in the walls. It's very comfortable, and they have a lot of room to move around."

It's not an exaggeration when Deb says, "These dogs are very spoiled." Not only does Deb furnish her precious pets with extraordinary living quarters, she lavishes them with attention, and provides special training and a stimulating environment.

Deb believes that puppies must receive proper training and be given numerous opportunities to learn. "I work with them from day one, taking them to new places and getting them used to different environments and sounds," she explains.

If canine colleges existed, you can bet Deb would enroll her shelties. Instead, Deb's pooches attend obedience training workshops and learn how to interact with dogs and people through the Des Moines and Iowa City Sheltie Clubs. Deb and her dogs also belong to the American Shetland Sheepdog Association.



Deb Calhoun with one of her prize-winning shelties

"We bring our dogs to these meetings and let them run around and get used to other dogs and new people," says Deb. "It's important to get them used to different environments, especially if you plan to enter them in shows."

"I'd hate to count the number of times my dogs have appeared in shows. A year ago, we went to shows every weekend. With training, going to meetings and participating in shows, this is a full-time hobby."

Deb's dogs have won numerous awards. Two of her dogs have received the highest ratings possible.

"I'm really proud of my dogs. They give me a lot of love, and I try to give just as much back to them," she says. "These dogs are like my family. I take excellent care of them and raise them with a lot of love."

Deb says her pets are special because they "are there for you with their tails wagging no matter what, and they are always eager to make you happy."

As Deb will attest, a dogs life can be a great one. ■

AMES LAB MAGNETS AVAILABLE

The Public Affairs Office has Ames Lab magnets available. You can pick one up in 111 TASF.

NOW AVAILABLE IN STORES

Toner Cartridge 92274A for HP LaserJet 4L, 4ML, 4P and 4MP

Toner Cartridge for Canon NP2120 copiers

Scotch 2" clear tape and tape dispensers

POLO SHIRTS FOR SALE

The Public Affairs Office is taking orders for Ames Lab polo shirts. People who volunteer to work at the Iowa State Fair will receive a white polo shirt free. Anyone who would like to buy one can place an order in 111 TASF. Shirts will be available in several colors.



TRAINING SCHEDULE
Call Beth Lott (4-9972) to reserve

NEW EMPLOYEE TRAINING

May 25
8:15-11:45 a.m.
Held in 305 TASF

HOISTING AND RIGGING

May 31
10-11 a.m.
Held in 158 MD
Instructor: Dave Birlingmair

STRESS MANAGEMENT

May 31
9:30-11:30 a.m.
Held in 305 TASF
Instructor: James Thacker

ROACH HEAVEN

Several areas of the Lab have large accumulations of empty pop cans — heavenly places for roaches to explore during the quiet, dark evening hours. Empty cans must be cleaned up and removed by Memorial Day, May 29, or the custodians will pick them up and you will lose your deposits. Please help keep the Lab looking clean and tidy.



David Lynch, senior physicist, received the Wilton Park International Service Award, which recognizes ISU faculty members who have demonstrated a sustained interest and involvement in international service. Awardees attend an international issues conference of their choice in West Sussex, England. Lynch has been a university visitor in Rome and Hamburg and actively collaborates with colleagues across Europe. A world leader in synchrotron radiation research, Lynch was instrumental in the promotion and use of synchrotron radiation at facilities in several countries.



Robert McCarley, senior chemist, received the Regents Faculty Excellence Award. The award is given to faculty and staff members chosen by their colleagues for their contributions to excellence in public education. To be recognized, recipients must have achieved distinction in two of the following areas: teaching, research/creative activity, extension/professional practice or service. They must have sustained a record of excellence during their employment at ISU and be outstanding citizens in the university and community.



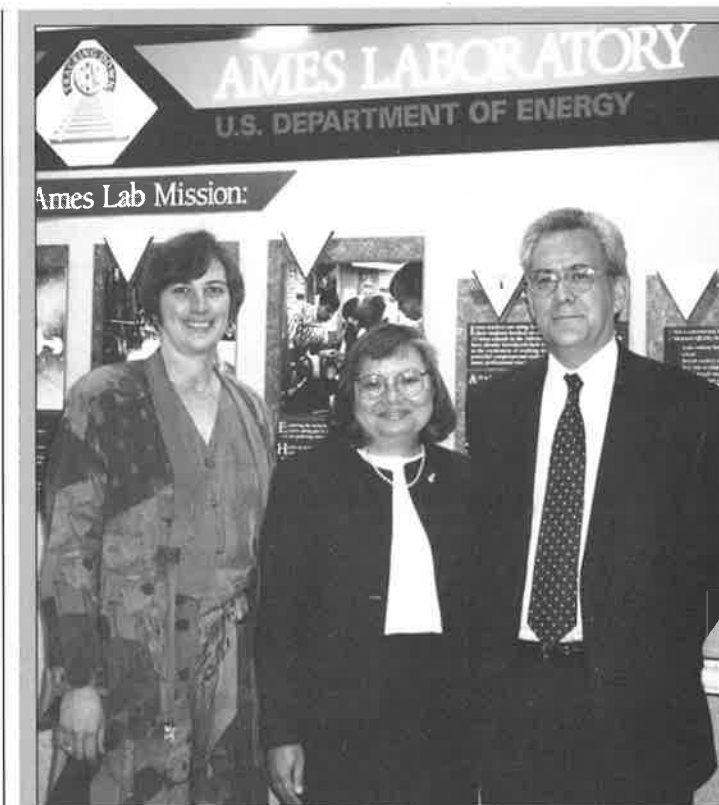
Mohamed Omer, graduate assistant in physical chemistry, received the ISU Student Affairs Human Relations Committee Award for outstanding contributions to the improvement of human relations for 1994-95. As leader of the Chemistry Team, a group of minority and underprivileged undergraduate students, Omer taught team members learning and study skills in order to enhance their understanding of chemistry and make them feel more comfortable about being science majors.

How About a Science Career?



Mufit Akinc, left, senior scientist, and Mitch Meyer, postdoctoral fellow, use a heat-resistant ceramic material and a piece of steel to demonstrate thermal conductivity at a career days presentation for eighth-grade students at Ames Middle School. Because steel has a very high thermal conductivity, Meyer was able to fry an egg to supplement his lunch.

Acting Manager Visits Lab



Gail Higashi, center, acting manager of the Ames Laboratory Management Office, and Cherri Langenfeld, left, manager of the Chicago Operations Office, visited the Lab on April 21. Jim Coronas, acting director of Ames Lab, gave them a tour of the new building and the Lab's VEISHEA display and discussed the Lab and its programs. Higashi replaces Jim Fletcher. ■

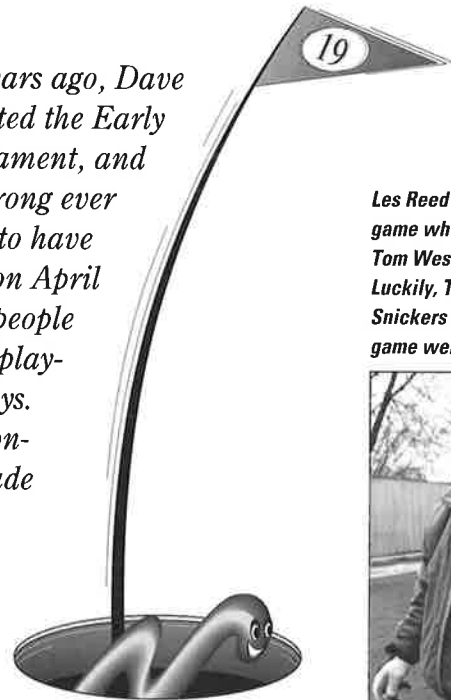
Employees Join ISU's 25-Year Club



In recognition for their years of service to the University, four Ames Lab employees were recently inducted into ISU's 25-Year Club. Left to right: Jerry Small, senior chemist; Lester Schmerr, senior engineer; and Fred Wohn, associate. Not pictured is John Basart, senior engineer.

Early Bird Lives Up to Its Name

Twenty-one years ago, Dave Peterson started the Early Bird Golf Tournament, and it's been going strong ever since. "We used to have the tournament on April Fool's Day, and people thought we were playing a joke," he says. "It took a little convincing to persuade people we were actually going to play golf in cold, rainy weather. It's supposed to be that way — that's why it's called the Early Bird Tournament." This year's event was organized by Tom Lograsso.



Les Reed almost held up the game when he tried to eat Tom Wessels' golf tee. Luckily, Tom purchased a Snickers bar for him, and the game went on as scheduled.



"We've never had good weather for this tournament," says Harvey Burkholder, left, as he shudders in the cold.

"With the weather being so bad, I might have a better chance of winning," says a shivering Dave Peterson, right, with hope.

Striving to perfect their games, the golfers putter around the practice green during the cold, wet April 21 tournament at the Oaks Golf Course.



Blustery winds, 35 degree temperatures and light rain didn't prevent Al Bevalo, decked out in his ear muffs, from enjoying an exhilarating game of golf — and winning!



What's All the "Racquet" About?



Thirty employees played in the Lab's first annual racquetball tournament. People entered either the "professional" or the "not-so-professional" divisions in the double-elimination tournament. Jerry Jenison, left, manager for Human Resources, won in the "professional" division, and Joseph Ivanic, post-doc fellow, won in the "not-so-professional" division.

Milk It For All It's Worth



Ames Lab's softball team, Milk It For All It's Worth, advanced to the semifinals of an ISU intramurals tournament, only to lose to the team that eventually won the tournament. Team members are, front row, left to right: Dave Utrata, Joel Flumerfelt, Mike Devine and Gary Walter. Back row, left to right: Jeff Johnson, Paul Prichard, Tom Lograsso, Curt Purdum and Scott Chumbley. Not pictured: Al Anderson, Charles Bloomer and Jim Brazelton.

A Bike Ride Across America

Most people travel by air when trekking across the United States, but John Homer, senior research technician, prefers traversing the country on his red, hybrid mountain bike.

On Memorial Day, Homer and 300 Iowans will fly to Long Beach, California, the starting point of the Iowa 150 Sesquicentennial Expedition. These determined cyclists will ride 4,802 miles across the U.S. before reaching Washington, D.C., on Labor Day.

The ride is the brainchild of *Des Moines Register* columnist Chuck Offenburger, who mentioned this pedaling proposition in his *Iowa Boy* column and received an overwhelming response. The first 300 people, one of whom was Homer, were invited to make the transcontinental journey.

"I am really excited about doing this," he says. "Our goal is to promote the state of Iowa and encourage people across the U.S. to visit Iowa during our Sesquicentennial Celebration in 1996." Iowa celebrates the 150th anniversary of its statehood next year.

A trailer filled with displays and materials that promote Iowa businesses, attractions and people will accompany the bicycling expedition. "We want people to know how wonderful Iowa is," explains Homer.

Exciting features of the trip include events, parties and tours planned by people in towns along

a lot of fun along the way."

Homer will celebrate his 60th birthday on June 29 in Cody, Wyoming. "I'm delighted because they told me they have something special planned," he says with a grin.

Exciting stopovers along the route include Yellowstone National Park, Mount Rushmore



and Gettysburg. Organizers have synchronized the ride with RAGBRAI, a bike ride that spans the state of Iowa. "It will be exciting to ride in RAGBRAI," says Homer. "My daughter will be participating, and it will be great to ride along with her through Iowa."

the long way to work to get that extra workout. I'd better be in shape if I'm riding clear across the country!"

Homer has saved his compensatory and vacation time in order to have the 71 days needed to make the ride. Ames Lab personnel have given him a lot of encouragement when it comes to his cycling endeavors. "Jerry Jenison and Del Bluhm have given me a lot of support. And I've received notes from people telling me they're excited about the ride," he says. "That's one of the great things about working at Ames Lab; people are very supportive." ■

When asked how he prepares for an event of this magnitude, Homer cites mental and physical preparation as crucial ingredients for a successful ride. "Thinking



John Homer

positively and believing you can do it are important," he says. "I ride up to 50 miles a day, six days a week. I also ride my bike

Count it Down



No, these people are not rehearsing for a dance recital — it's an exercise class. About 20 eager (or semi-eager) employees participated in a low-impact aerobics and muscle-toning class, which was part of Occupational Medicine's Exercise and Wellness Program. The seven-week program met during lunch and after work.



Prizes were given to those who participated in the most exercise classes. Left to right: Shellie Siders, secretary, attended the most evening sessions; George Klotzbach, auditor, attended the second most noon sessions; and Barb Thompson, account clerk, attended the most noon sessions.